

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P972308

Luminaire Tested: **GKO-PB2D-727-U-T2R**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972308
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2D-727-U-T2R
Description: GEKKO WALL PACK 10000LM PACKAGE 70CRI 2700K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (20) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9671.7 lumens
Efficiency: N/A
Efficacy: 126.9 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

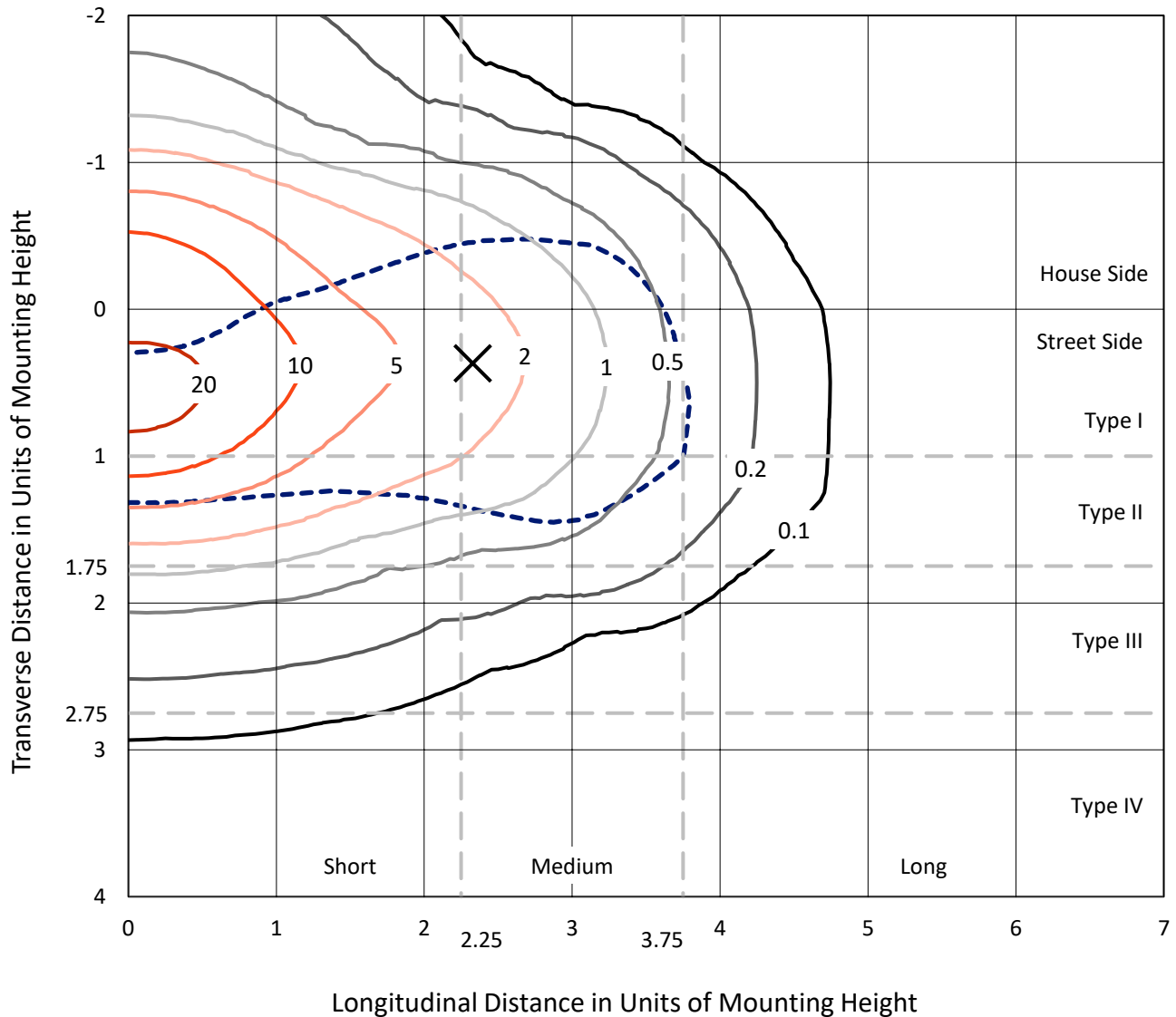
Input Watts (W): 76.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 8%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P972308

CATALOG NUMBER: GKO-PB2D-727-U-T2R

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

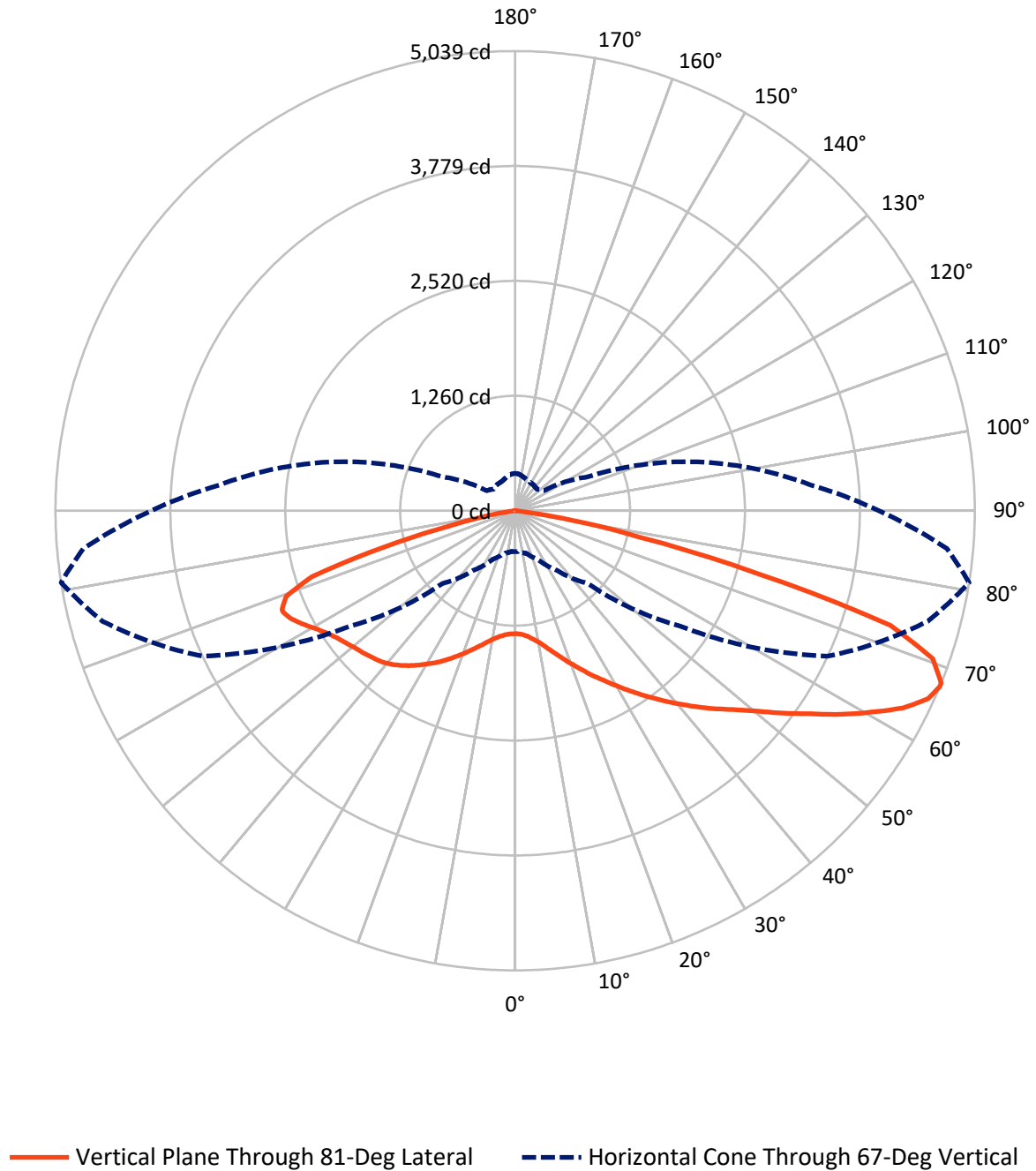


Based on 10 foot mounting height. Maximum calculated value = 25.9 fc
 Type II - Medium - N/A

REPORT NUMBER: P972308

CATALOG NUMBER: GKO-PB2D-727-U-T2R

Luminous Intensity Polar Plot



REPORT NUMBER: P972308

CATALOG NUMBER: GKO-PB2D-727-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2986.6	0.0	2986.6
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	6685.1	0.0	6685.1
	% Fixture	69.1	0.0	69.1
Total	Lumens	9671.7	0.0	9671.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.5	1.4
10°-20°	505.1	5.2
20°-30°	1023.3	10.6
30°-40°	1613.6	16.7
40°-50°	1981.6	20.5
50°-60°	1893.1	19.6
60°-70°	1587.5	16.4
70°-80°	841.0	8.7
80°-90°	86.9	0.9
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	9671.7	100.0
0°-180°	9671.7	100.0



REPORT NUMBER: P972308

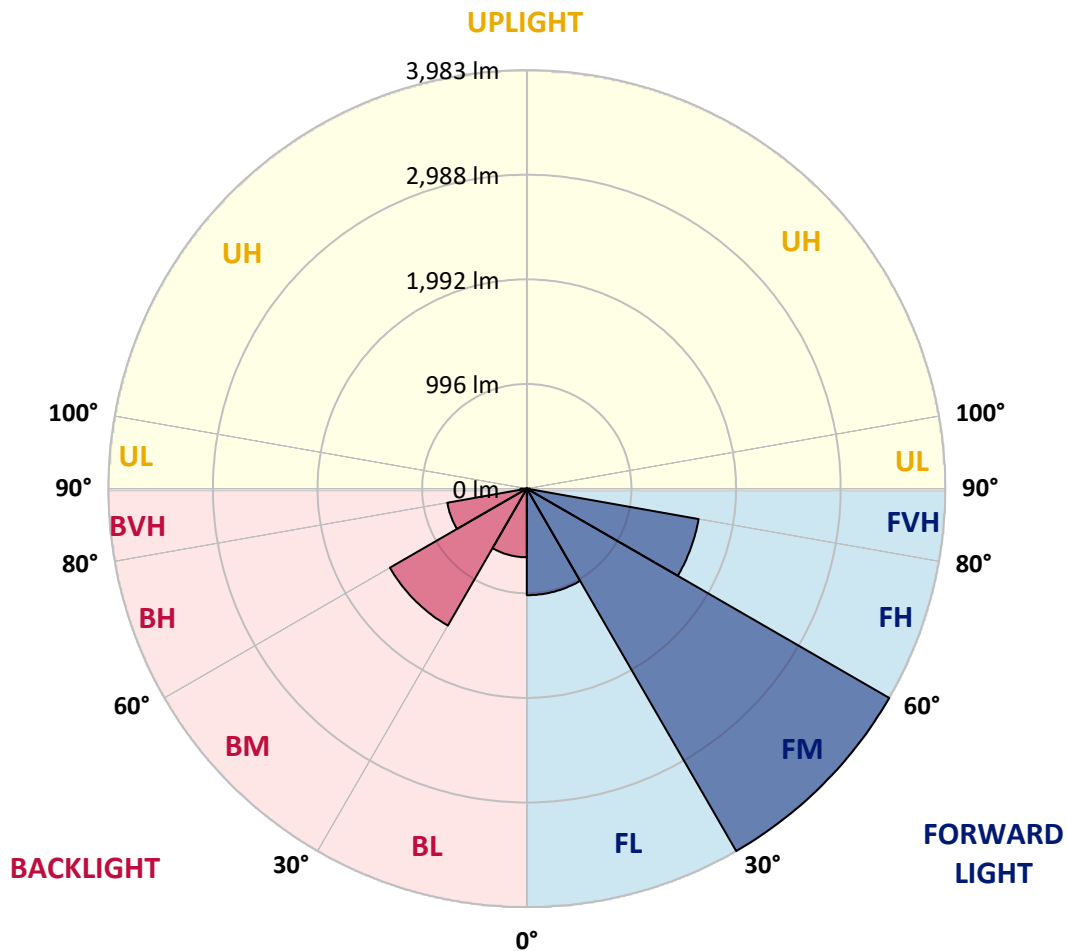
CATALOG NUMBER: GKO-PB2D-727-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1014.4	10.5			
FM	(30°-60°)	3983.4	41.2			
FH	(60°-80°)	1660.3	17.2			G1/1800
FVH	(80°-90°)	27.0	0.3			G1/100
BL	(0°-30°)	653.6	6.8	B2/1000		
BM	(30°-60°)	1504.9	15.6	B2/2500		
BH	(60°-80°)	768.3	7.9	B2/1000		G2/1000
BVH	(80°-90°)	59.9	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium



REPORT NUMBER: P972308

CATALOG NUMBER: GKO-PB2D-727-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2
2.5°	1425.0	1428.7	1421.3	1419.4	1412.0	1400.9	1388.0	1378.7	1363.9	1356.5	1352.8
5°	1560.1	1552.7	1547.1	1537.9	1512.0	1489.7	1452.7	1426.8	1399.1	1380.6	1375.0
7.5°	1724.8	1728.5	1710.0	1685.9	1648.9	1604.5	1545.3	1497.1	1445.3	1421.3	1410.2
10°	1904.3	1919.1	1900.6	1871.0	1800.6	1734.0	1661.9	1578.6	1508.3	1471.2	1456.4
12.5°	2122.7	2131.9	2107.9	2069.0	1983.9	1883.9	1782.1	1678.5	1586.0	1539.7	1513.8
15°	2366.9	2359.5	2335.5	2278.1	2168.9	2057.9	1919.1	1784.0	1674.8	1617.4	1580.4
17.5°	2618.6	2609.4	2577.9	2503.9	2379.9	2241.1	2076.4	1906.1	1769.2	1706.3	1656.3
20°	2859.2	2849.9	2827.7	2744.5	2594.6	2424.3	2231.8	2046.8	1876.5	1798.8	1743.3
22.5°	3125.7	3118.3	3083.1	2981.3	2820.3	2633.4	2409.5	2189.3	1993.1	1900.6	1834.0
25°	3414.4	3416.2	3377.4	3234.9	3053.5	2835.1	2600.1	2350.3	2124.5	2007.9	1932.0
27.5°	3751.2	3749.3	3682.7	3529.1	3301.5	3049.8	2788.9	2518.7	2254.0	2117.1	2030.1
30°	4056.5	4049.1	3975.1	3821.5	3558.7	3275.6	2988.7	2681.5	2400.2	2237.4	2131.9
32.5°	4282.3	4284.2	4223.1	4054.7	3797.5	3495.8	3175.7	2864.8	2540.9	2366.9	2250.3
35°	4445.2	4447.0	4387.8	4243.5	4002.9	3701.2	3373.7	3036.9	2698.2	2500.2	2374.3
37.5°	4497.0	4497.0	4458.1	4345.2	4149.1	3886.3	3568.0	3233.0	2855.5	2644.5	2500.2
40°	4426.7	4432.2	4430.4	4356.3	4221.3	4014.0	3747.5	3421.8	3031.3	2787.0	2627.9
42.5°	4267.5	4271.2	4276.8	4249.0	4206.4	4082.5	3891.8	3614.3	3207.1	2942.5	2753.7
45°	4004.7	4019.5	4047.3	4058.4	4075.1	4065.8	3980.7	3793.8	3403.3	3097.9	2877.7
47.5°	3671.6	3695.7	3732.7	3799.3	3891.8	3965.9	4002.9	3932.6	3593.9	3258.9	3016.5
50°	3209.0	3234.9	3334.8	3473.6	3656.8	3801.2	3941.8	4036.2	3806.7	3455.1	3172.0
52.5°	2568.7	2624.2	2792.6	3059.1	3373.7	3588.3	3812.3	4086.2	4023.2	3686.4	3357.0
55°	1954.2	1974.6	2191.1	2511.3	2996.1	3358.9	3634.6	4060.3	4226.8	3928.9	3568.0
57.5°	1365.8	1388.0	1576.7	1926.5	2463.2	3059.1	3456.9	3973.3	4411.9	4213.9	3810.4
60°	969.7	993.8	1134.4	1393.5	1913.5	2622.3	3292.2	3862.2	4572.9	4484.0	4089.9
62.5°	705.1	718.0	792.1	1010.4	1382.4	2050.5	3057.2	3790.1	4685.8	4765.3	4376.7
65°	540.4	553.3	595.9	732.8	1021.5	1499.0	2635.3	3788.2	4715.4	4972.6	4624.7
67°	449.7	447.8	484.9	588.5	797.6	1127.0	2200.4	3773.4	4682.1	5039.2	4750.5
67.5°	425.6	433.0	462.7	549.6	753.2	1038.2	2106.0	3749.3	4671.0	5037.4	4759.8
70°	338.7	340.5	366.4	434.9	566.3	753.2	1515.7	3512.5	4502.5	4856.0	4656.1
72.5°	248.0	246.1	285.0	329.4	433.0	547.8	1016.0	2949.9	4138.0	4302.7	4139.8
75°	183.2	181.4	201.7	251.7	309.1	409.0	658.8	1924.6	2801.8	2737.1	2527.9
77.5°	122.1	125.8	144.3	185.1	220.2	253.5	329.4	886.4	1543.4	1395.4	1343.5
80°	74.0	68.5	81.4	105.5	127.7	129.5	140.6	383.1	662.5	631.1	592.2
82.5°	25.9	25.9	31.5	42.6	42.6	42.6	51.8	92.5	131.4	120.3	114.7
85°	0.0	0.0	0.0	0.0	3.7	5.6	3.7	7.4	13.0	14.8	14.8
87.5°	0.0	0.0	0.0	0.0	0.0	1.9	1.9	3.7	5.6	7.4	7.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P972308

CATALOG NUMBER: GKO-PB2D-727-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2	1347.2
2.5°	1352.8	1352.8	1347.2	1339.8	1336.1	1334.3	1328.7	1321.3	1326.9	1332.4	1332.4
5°	1371.3	1367.6	1356.5	1349.1	1343.5	1343.5	1336.1	1334.3	1339.8	1345.4	1343.5
7.5°	1400.9	1393.5	1380.6	1369.5	1371.3	1373.2	1362.1	1362.1	1367.6	1373.2	1373.2
10°	1441.6	1428.7	1415.7	1406.5	1408.3	1410.2	1399.1	1395.4	1400.9	1406.5	1410.2
12.5°	1493.4	1476.8	1462.0	1452.7	1450.9	1452.7	1441.6	1437.9	1437.9	1441.6	1441.6
15°	1554.5	1536.0	1517.5	1504.6	1500.8	1499.0	1484.2	1471.2	1471.2	1473.1	1473.1
17.5°	1624.8	1598.9	1574.9	1560.1	1550.8	1537.9	1521.2	1502.7	1497.1	1499.0	1499.0
20°	1695.2	1667.4	1635.9	1615.6	1597.1	1574.9	1549.0	1524.9	1513.8	1513.8	1512.0
22.5°	1776.6	1739.6	1697.0	1669.3	1635.9	1598.9	1561.9	1530.5	1519.4	1515.7	1515.7
25°	1859.9	1817.3	1756.2	1713.7	1665.6	1611.9	1563.8	1521.2	1502.7	1495.3	1495.3
27.5°	1945.0	1895.0	1815.5	1754.4	1684.1	1610.0	1545.3	1491.6	1465.7	1456.4	1452.7
30°	2041.2	1969.1	1867.3	1784.0	1687.8	1593.4	1510.1	1447.2	1408.3	1386.1	1388.0
32.5°	2141.2	2050.5	1915.4	1802.5	1682.2	1561.9	1456.4	1376.9	1326.9	1306.5	1299.1
35°	2242.9	2128.2	1958.0	1811.8	1663.7	1513.8	1388.0	1299.1	1243.6	1214.0	1214.0
37.5°	2346.6	2209.6	1987.6	1809.9	1630.4	1450.9	1308.4	1214.0	1149.2	1112.2	1103.0
40°	2448.4	2285.5	2009.8	1795.1	1580.4	1375.0	1223.3	1121.5	1034.5	986.4	979.0
42.5°	2548.3	2348.4	2020.9	1771.0	1521.2	1291.7	1127.0	990.1	906.8	862.4	860.5
45°	2639.0	2398.4	2022.7	1739.6	1443.5	1197.3	997.5	866.1	782.8	736.5	736.5
47.5°	2727.8	2453.9	2020.9	1698.9	1358.4	1075.2	860.5	732.8	657.0	627.4	618.1
50°	2835.1	2509.4	2019.0	1648.9	1249.2	929.0	727.3	618.1	553.3	523.7	523.7
52.5°	2944.3	2574.2	2022.7	1578.6	1119.6	786.5	608.9	512.6	470.1	451.6	449.7
55°	3085.0	2642.7	2032.0	1495.3	984.5	647.7	507.1	442.3	412.7	403.4	405.3
57.5°	3255.2	2737.1	2050.5	1397.2	827.2	531.1	434.9	399.7	392.3	396.0	397.9
60°	3449.5	2853.6	2076.4	1286.2	688.4	442.3	392.3	384.9	392.3	407.1	409.0
62.5°	3675.3	2994.3	2109.7	1162.2	551.5	388.6	373.8	379.4	384.9	409.0	410.8
65°	3875.2	3146.0	2117.1	1016.0	447.8	353.5	362.7	366.4	381.2	409.0	410.8
67°	3988.1	3249.7	2067.1	877.2	383.1	335.0	347.9	351.6	377.5	405.3	409.0
67.5°	4001.0	3271.9	2033.8	842.0	370.1	331.3	344.2	351.6	377.5	405.3	407.1
70°	3962.2	3257.1	1811.8	634.8	305.4	305.4	320.2	336.8	362.7	392.3	405.3
72.5°	3616.1	2970.2	1402.8	431.2	259.1	275.7	297.9	322.0	346.1	381.2	403.4
75°	2285.5	1911.7	858.7	288.7	216.5	246.1	281.3	309.1	329.4	355.3	370.1
77.5°	1221.4	945.7	370.1	170.3	170.3	218.4	260.9	286.8	297.9	307.2	316.5
80°	577.4	440.4	179.5	101.8	118.4	170.3	231.3	259.1	262.8	273.9	277.6
82.5°	114.7	99.9	59.2	53.7	77.7	122.1	192.5	223.9	225.8	244.3	248.0
85°	14.8	13.0	9.3	20.4	50.0	90.7	148.0	192.5	196.2	196.2	192.5
87.5°	7.4	5.6	5.6	14.8	37.0	68.5	122.1	161.0	162.9	127.7	124.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP2-2501-321-3

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-727-U-T4W

Data in this report applies to families of products including GKO-PB1E-727-U-T4W

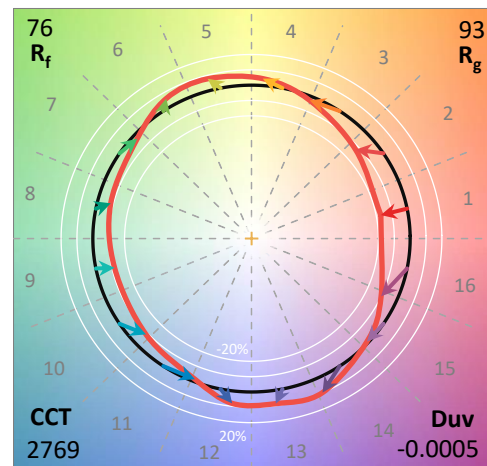
Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-3
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP2 - 165CM SPHERE
 Measurement Geometry: 4π
 Issue Date: 04/10/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GKO-PB1E-727-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K): 2769
 CIE u' : 0.2596
 CIE v' : 0.5253
 Duv: -0.0005
 CIE x: 0.4535
 CIE y: 0.4078
 CIE z: 0.1387
 Peak Wavelength (nm): 597
 Dominant Wavelength (nm): 584
 Purity: 58.54014
 R_f: 75.7
 R_g: 93.2

CRI (Ra): 71.7
 R1: 68.0
 R2: 84.0
 R3: 94.6
 R4: 65.9
 R5: 67.3
 R6: 78.7
 R7: 75.2
 R8: 39.8
 R9: -34.5
 R10: 64.3
 R11: 60.9
 R12: 54.4
 R13: 71.2
 R14: 97.6
 R15: 59.5



Test Conditions

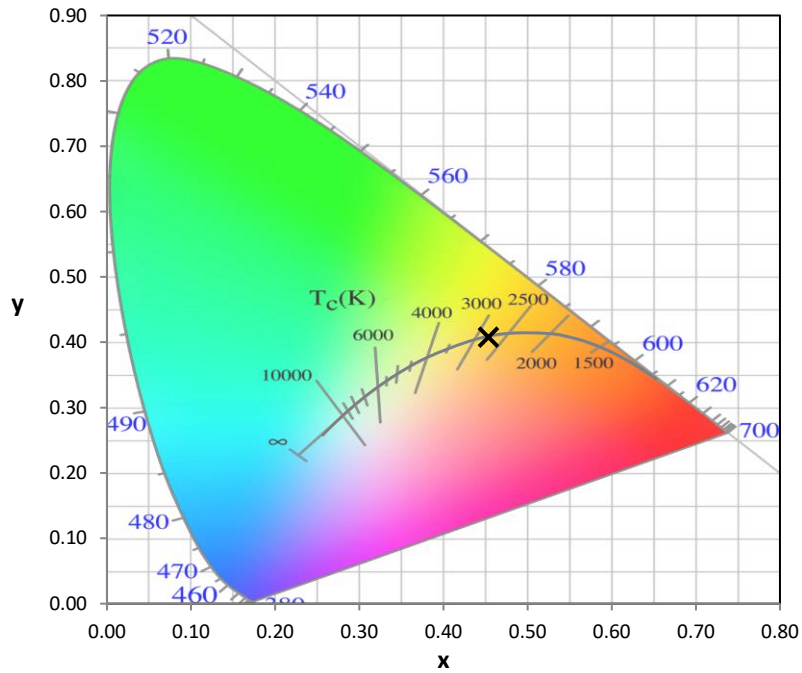
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP2-2501-321-3

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP2-2501-321-3

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-3

Photopic Flux vs. Wavelength

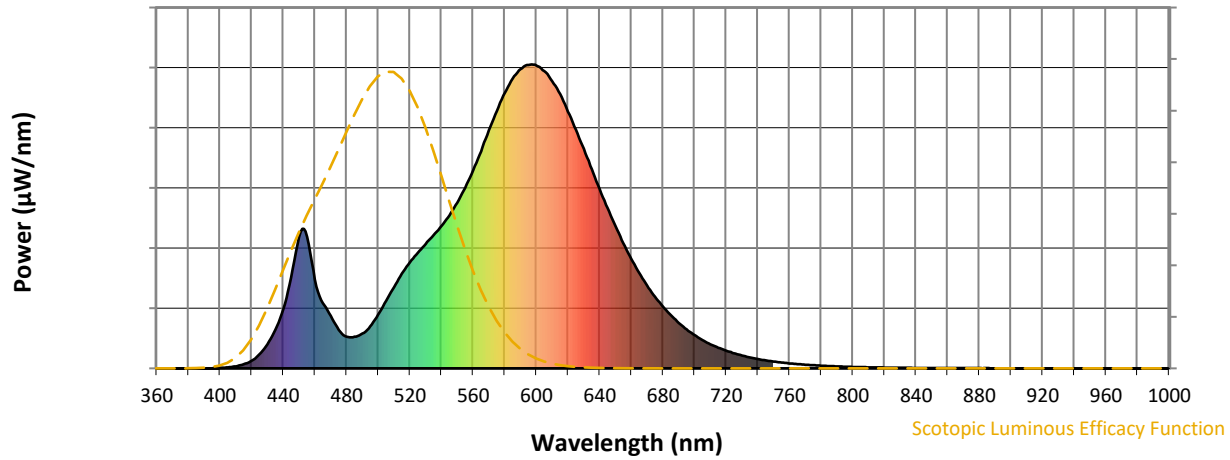


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.14

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-3

Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.08

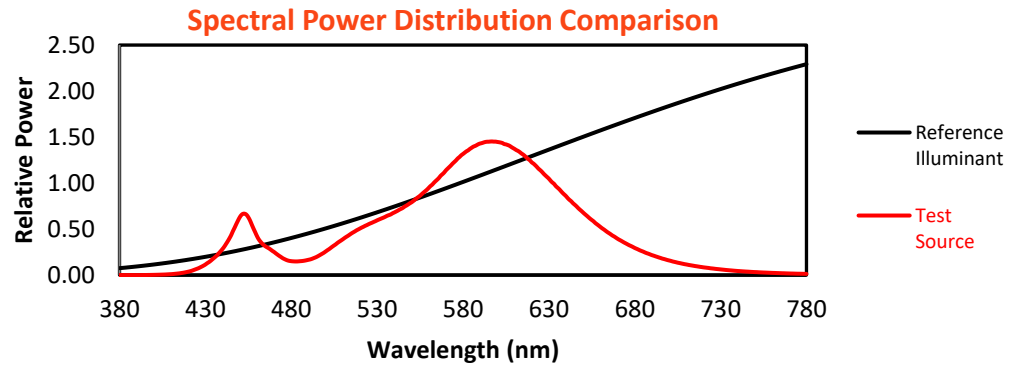
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-3

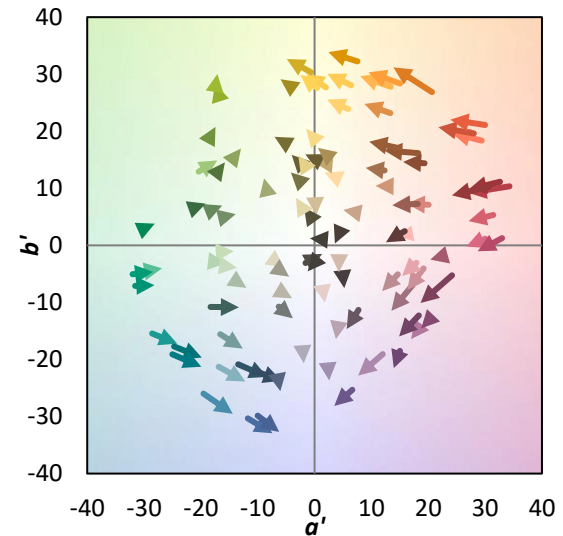
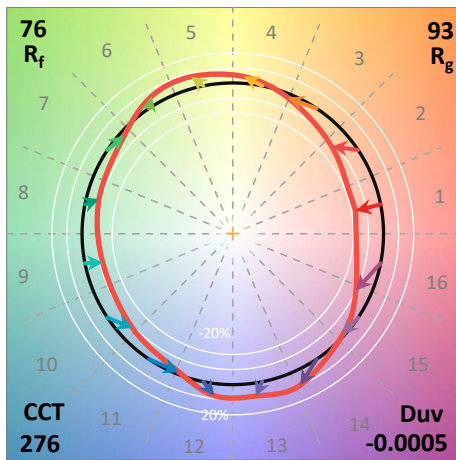
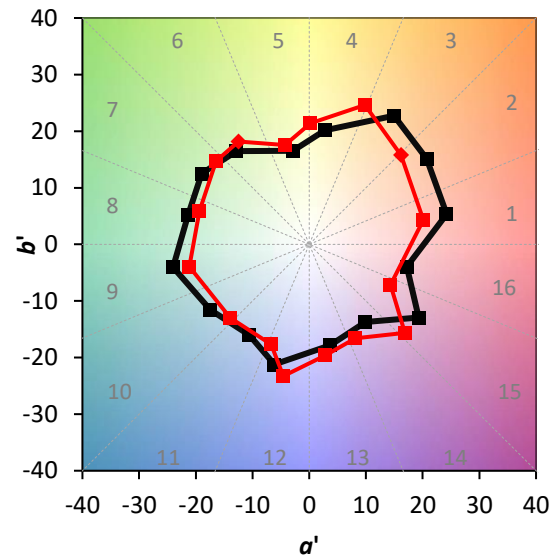
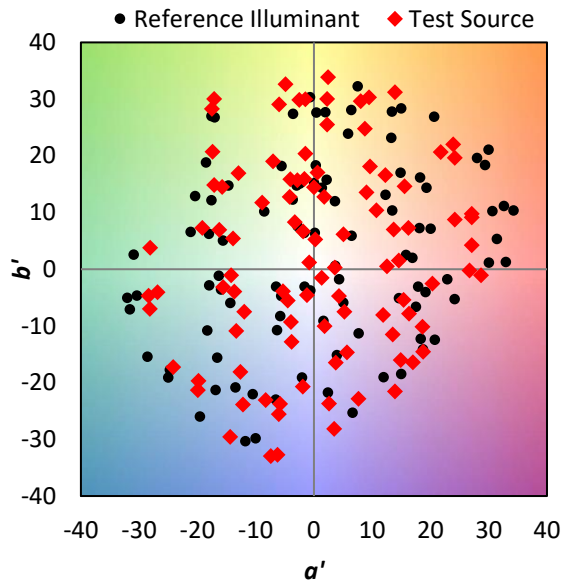
TM-30-18

Summary

$R_f = 75.7$
 $R_g = 93.2$
 $CIE R_a = 71.7$
 $R_g = -34.5$

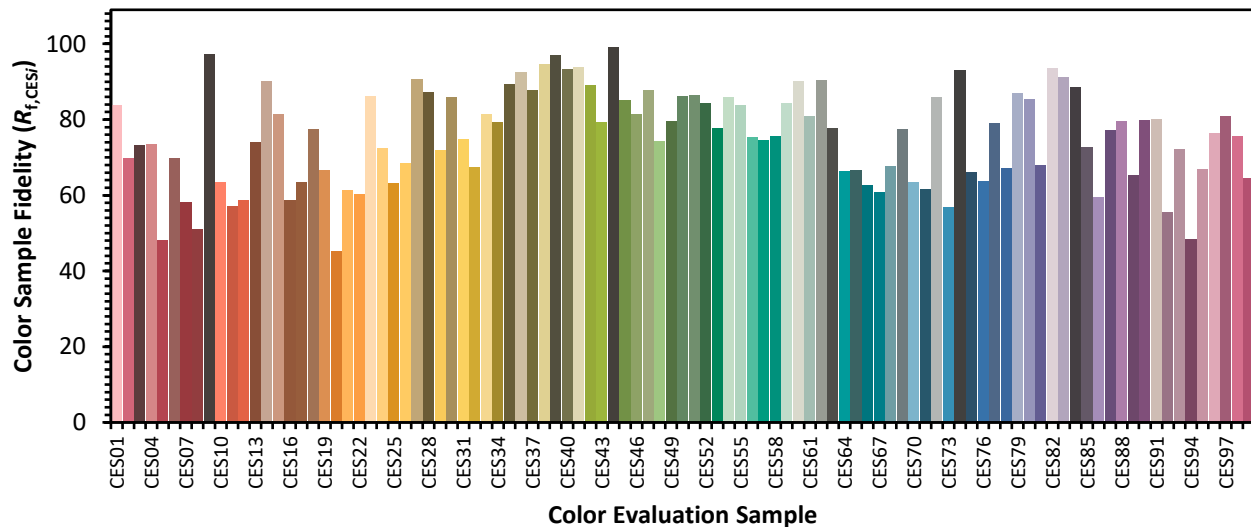


Color Vector Graphics

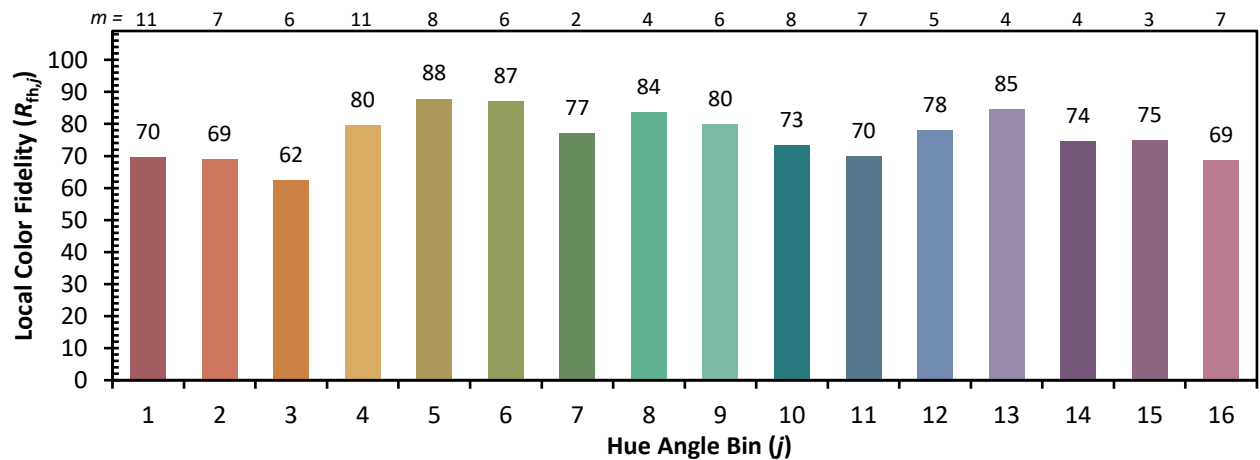


Individual Sample Fidelity Index ($R_{f,i}$)

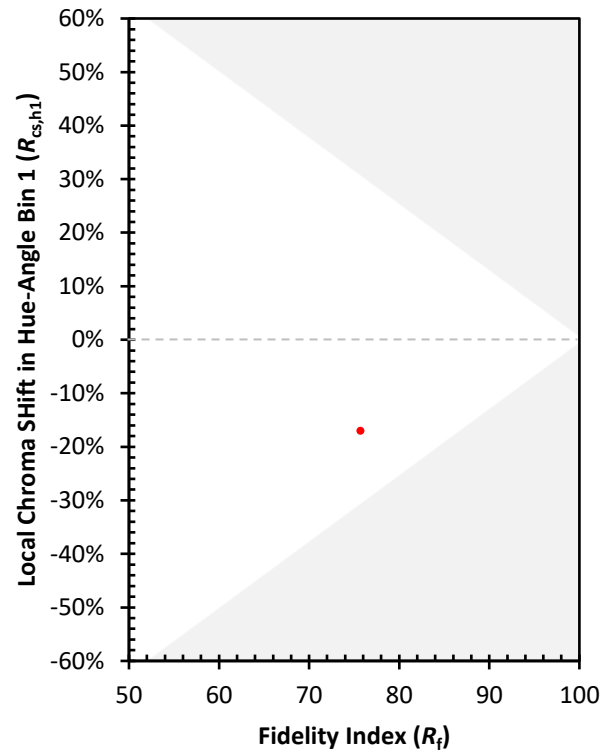
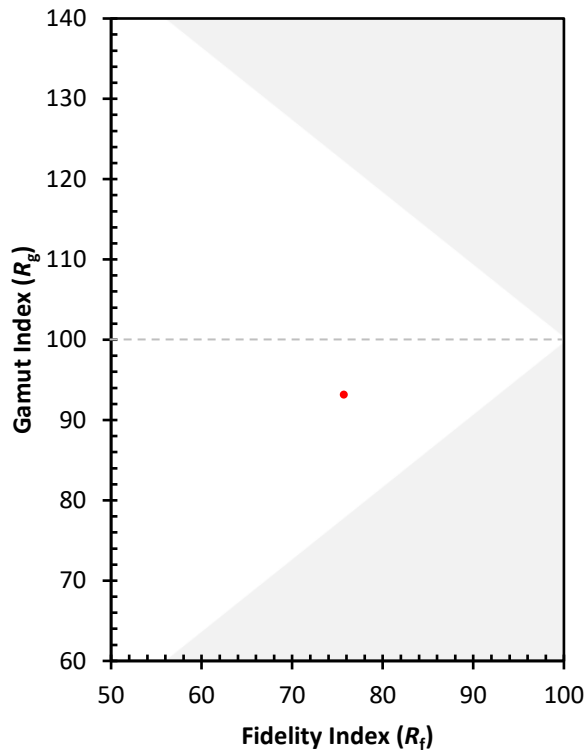
CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 94
CES08 = 41	CES33 = 81	CES58 = 76	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 90	CES85 = 73
CES11 = 60	CES36 = 92	CES61 = 81	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 90	CES87 = 77
CES13 = 43	CES38 = 95	CES63 = 78	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 65
CES15 = 72	CES40 = 93	CES65 = 67	CES90 = 80
CES16 = 48	CES41 = 94	CES66 = 63	CES91 = 80
CES17 = 50	CES42 = 89	CES67 = 61	CES92 = 55
CES18 = 57	CES43 = 79	CES68 = 68	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 77	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 62	CES96 = 76
CES22 = 80	CES47 = 88	CES72 = 86	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 57	CES98 = 76
CES24 = 91	CES49 = 80	CES74 = 93	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)